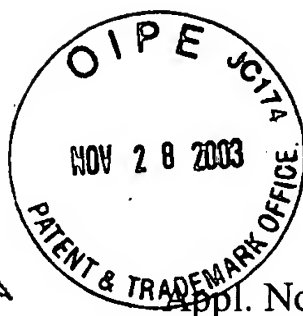


FFW BOX-Sequence  
1651



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.: 10/035,420 Confirmation No.: 2430  
Applicant(s): Wolfe *et al.*  
Filed: October 25, 2001  
Art Unit: 1651  
Examiner: Weber, Jon P.  
Title: METHODS OF PROTEIN PURIFICATION AND RECOVERY

Docket No.: PP16022.004 (35784/240411)  
Customer No.: 00826

November 25, 2003

MAIL STOP SEQUENCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SECOND PRELIMINARY AMENDMENT  
37 CFR § 1.115

Sir:

Prior to the substantive examination of the above-identified application on its merits, the Examiner is respectfully requested to enter into the application the Sequence Listing filed concurrently herewith.

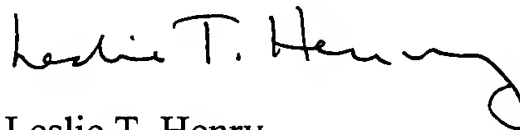
In the Preliminary Amendment filed November 21, 2003, Applicants' amended the specification to provide sequence identifiers for the amino acid sequences of native mature human IFN- $\beta$  (SEQ ID NO:1) and a C17S mutein of native mature human IFN- $\beta$  (SEQ ID NO:2) described on page 6, lines 27-29, and page 7, lines 6-8, respectively, of the specification, and requested entry of a new Sequence Listing. The Preliminary Amendment was inadvertently filed without a copy of the Sequence Listing.

Applicants file concurrently herewith a copy of this Sequence Listing to complete the record. The two sequences presented in this Sequence Listing are described in U.S. Patent No. 5,814,485, which is incorporated by reference in the present application. See, lines 27-29 on page 6 of the specification. No new matter is added by way of presentation of this Sequence

Listing. Entry of this Sequence Listing into the above-identified application is respectfully requested.

It is not believed that extensions of time or fees are required beyond those that may otherwise be provided for in documents accompanying this paper. However, in the event that extensions of time are necessary to allow consideration of this paper, such extensions are hereby petitioned under 37 CFR § 1.136(a), and any fee required therefore is hereby authorized to be charged to Deposit Account No. 16-0605.

Respectfully submitted,

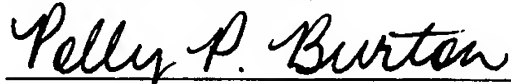


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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: MAIL STOP SEQUENCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on November 25, 2003.



Polly P. Burton